

WESTERN

CONFERENCE OF PUBLIC SERVICE COMMISSIONERS



May 21 - 25, 2016
Lake Tahoe,
Nevada



AGENDA

GOLD SPONSORS



SILVER SPONSORS



Silver sponsors also include **Northwest & Intermountain Power Coalition**, **OPower**.

BRONZE SPONSORS



Bronze sponsors also include **Neustar**.

Hyatt Regency Lake Tahoe Resort, Spa & Casino

General Information

Hotel Information

Hyatt Regency Lake Tahoe Resort, Spa & Casino

111 Country Club Drive

Incline Village, NV 89451

(775) 832-1234

www.laketahoe.hyatt.com

Registration and Information Desk

The NARUC registration and information desk will be open the following hours:

Sunday	4 p.m.–6 p.m.
Monday	7:30 a.m.–5 p.m.
Tuesday	7:30 a.m.–5 p.m.
Wednesday	7:30 a.m.–12 p.m.

Badge Color Identification

Badges must be worn and visible at all times when attending a NARUC meeting or event.

Blue: Commissioners

Green: Industry

Red: Commission Staff

Tan: Public Interest/Consumer Groups/Federal/State Agencies (nonmembers)

Purple: Media

Program Publication

This program is accurate as of March 21. Some information may change by the time the meeting occurs.

Suggested Attire

Business casual is suggested during general and educational sessions. Meeting rooms have a tendency to be cool. We suggest you bring a sweater or jacket for your comfort.

Welcome Reception: This event will be held outside on the lawn, weather permitting. Please dress appropriately. The reception will be moved indoors if raining or cold.

Educational Activities: The catamaran tours will be on the lake. Please dress appropriately. Closed-toed shoes are required for the geothermal tour.

Event Tickets

Tickets are required from everyone for entry to the WCPSC Welcome Reception. There are no additional charges for this event. Tickets will be exchanged at the door for 2 beverage tickets. See the registration desk for guest ticket information and fees.

Electronic Devices

In consideration of the speakers and your colleagues, please turn off all cellular phones and other communication devices while in any of the sessions. Your cooperation and courtesy is appreciated.

Taping/Video Policy

Unless you receive prior approval from WCPSC, only credentialed members of the press are allowed to tape or video WCPSC sessions. This policy gives comfort to our speakers and protects WCPSC from potential legal action. If you wish to tape or record any portion of the WCPSC meeting, please contact Dawn Rivard at drivard@puc.nv.gov for permission.

Daily Schedule at a Glance

SUNDAY, MAY 22

TIME	EVENT	LOCATION
2:00 p.m. - 4:00 p.m.	EIM Body of State Regulators	Castle Peak
4:00 p.m. - 6:00 p.m.	Registration	Cutthroats Lobby
5:00 p.m. - 6:30 p.m.	Welcome Reception	Upper Courtyard Green

MONDAY, MAY 23

TIME	EVENT	LOCATION
7:00 a.m. - 8:00 a.m.	Continental Breakfast	Castle Peak and Porch
7:30 a.m. - 5:00 p.m.	Registration	Cutthroats Lobby
8:00 a.m. - 8:15 a.m.	Welcome and Introductions	Regency A, B & C
8:15 a.m. - 9:45 a.m.	GS1 - CEO Panel	Regency A, B & C
9:45 a.m. - 10:00 a.m.	Networking Break	Regency Foyer
10:00 a.m. - 11:15 a.m.	GS2 - Smart Solar & Smart Grid: The Path Forward in the Virtual Age	Regency A, B & C
11:15 a.m. - 11:30 a.m.	Networking Break	Regency Foyer
11:30 a.m. - 12:30 p.m.	A1 - Long Term Natural Gas Contracting	Regency D
11:30 a.m. - 12:30 p.m.	A2 - Public Utilities Commission 2.0: Preparing Commissions to Meet Utility and Customer Needs of the Future	Regency E & F
12:30 p.m. - 1:30 p.m.	Luncheon	Regency A, B & C
1:45 p.m. - 2:45 p.m.	B1 - Post 2017 Hoover Power Contracting	Regency D
1:45 p.m. - 2:45 p.m.	B2 - What is the Future Role of USF Subsidies in the Provision of Telecommunications Services in the West?	Regency E & F
2:45 p.m. - 3:00 p.m.	Networking Break	Regency Foyer
3:00 p.m. - 4:15 p.m.	GS3 - The Energy Imbalance Market – Lessons Learned, Benefits and Governance	Regency A, B & C
4:30 p.m. - 5:30 p.m.	WCPSC Business Meeting	Castle Peak

Daily Schedule at a Glance

TUESDAY, MAY 24

TIME	EVENT	LOCATION
7:00 a.m. - 8:00 a.m.	Continental Breakfast	Castle Peak and Porch
7:30 a.m. - 5:00 p.m.	Registration	Regency Foyer
8:00 a.m. - 9:15 a.m.	GS4 - Commissioner Roundtable #1	Regency A, B & C
9:15 a.m. - 9:30 a.m.	Networking Break	Regency Foyer
9:30 a.m. - 10:45 a.m.	C1 - Nuclear	Regency D
9:30 a.m. - 10:45 a.m.	C2 - Natural Gas Safety	Regency E & F
10:45 a.m. - 11:00 a.m.	Networking Break	Regency Foyer
11:00 a.m. - 12:15 p.m.	D1 - Water, Communications, Energy Nexus	Regency D
11:00 a.m. - 12:15 p.m.	D2 - Superior Energy Performance/Research & Development	Regency E & F
12:15 p.m. - 1:15 p.m.	Boxed Lunch pick up	Regency Foyer
1:00 p.m. - 5:30 p.m.	Afternoon Activities	Outside
6:30 p.m. - 7:00 p.m.	Reception	Lakeside A
7:00 p.m. - 9:30 p.m.	Dinner	Lakeside B & C

WEDNESDAY, MAY 25

TIME	EVENT	LOCATION
7:00 a.m. - 8:00 a.m.	Continental Breakfast	Castle Peak and Porch
7:30 a.m. - 12:00 p.m.	Registration	Regency Foyer
8:00 a.m. - 9:00 a.m.	E1 - Ongoing Grid Innovations	Regency A, B & C
8:00 a.m. - 9:00 a.m.	E2 - Role of Energy Efficiency for Water Utilities	Regency D
9:00 a.m. - 9:15 a.m.	Networking Break	Regency Foyer
9:15 a.m. - 10:30 a.m.	GS5 - The Net Energy Metering Rate Design Players: Understanding the Perspectives On Different Rate Design Mechanisms	Regency A, B & C
10:30 a.m. - 10:35 a.m.	Presentation on the 2017 WCPSC	Regency A, B & C
10:35 a.m. - 11:45 a.m.	GS6 - Commissioner Roundtable #2	Regency A, B & C

General Sessions & Breakouts

Monday, May 23 | 8:00 a.m. - 8:15 a.m.

Welcome & Introductions | Regency A, B & C

Moderator: Commissioner David Noble, WCPSC President, Nevada Public Utilities Commission

Monday, May 23 | 8:15 a.m. - 9:45 a.m.

General Session 1 | CEO Panel | Regency A, B & C

Abstract: TBD

Moderator: Chairman Doug Little, Arizona Corporation Commission

Panelists: Paul Caudill, President & CEO NV Energy
Lisa Sparrow, President & CEO, Utilities, Inc.
Stephanie Tyler, President, External Affairs - Western Region, AT&T
Gas - TBD
Renewable - TBD

Monday, May 23 | 10:00 a.m. - 11:15 a.m.

General Session 2 | Smart Solar & Smart Grid: The Path Forward in the Virtual Age | Regency A, B & C

Abstract: New technologies at all levels in the grid involving utilities, independent third party developers/aggregators and customers are providing opportunities for integration of renewables and distributed energy resources to support modern grid operations.

Moderator: Commissioner Lorraine Akiba, Hawaii Public Utilities Commission

Panelists: TBD

Monday, May 23 | 11:30 a.m. - 12:30 p.m.

Breakout A1 | Long Term Natural Gas Contracting | Regency D

Abstract: Long Term Contracts for fuel supplies used to be the norm but have fallen out of favor in the last few decades. Hedging has become synonymous with the use of short-term market instruments to hedge short-term risk. Panelists will provide education on the differences between short-term hedging of market risk, long-term commodity supply contracts, and the reserves investments where the utility actually owns the resource-in-the-ground, and discuss recent experiences with long-term contracting.

Moderator: David Dismukes, Executive Director & Professor, Center for Energy Studies, Louisiana State University

Panelists: Lane Sisung, The Sisung Group
TBD

Breakout A2 | Public Utilities Commission 2.0: Preparing Commissions to Meet Utility and Customer Needs of the Future | Regency E & F

Abstract: Regulatory commissions, as well as electric and gas utilities, must evolve to take on new opportunities and challenges such as the growth of distributed generation, more customer choice, aging utility infrastructure, and aging utility workforces. This panel will introduce tools and processes Commissions can adopt to take on these new regulatory challenges and opportunities, including alternatives to traditional ratemaking and methods for improving technical expertise and customer engagement.

Moderator: Commissioner Carla Peterman, California Public Utilities Commission

General Sessions & Breakouts

Panelists: TBD

Monday, May 23 | 1:45 p.m. - 2:45 p.m.

Breakout B1 | Post 2017 Hoover Power Contracting | Regency D

Abstract: Building the framework to meet the challenges of delivering Hoover hydropower for the next 50 years. Panelists from local and state government agencies in Nevada, California, and Arizona will present the legal history of Hoover power and explain the negotiation process used by two federal agencies and 46 contractors to develop new 50-year Hoover power contracts.

Moderator: Commissioner Alaina Burtenshaw, Nevada Public Utilities Commission

Panelists: Ann Pongracz, Special Counsel to the Colorado River Commission of Nevada
TBD

Breakout B2 | The Future Role of USF Subsidies in the Provision of Telecommunications Services in the West | Regency E & F

Abstract: The Universal Service Fund has evolved from a fairly narrow prescribed use to one that now spans different technologies, including wireline, fixed and mobile wireless, satellite and broadband. This evolution has changed the way universal service subsidies are now distributed at both the federal and state levels, spawning new funding mechanisms, service standards and eligible technologies. What is the future role of both federal and state universal service funding in the Western United States and how should it be different from how state and federal universal service support is allocated and distributed today?

Moderator: Steven Tackes, Kaempfer Crowell

Panelists: Hank Hultquist, Vice President of Federal Regulatory, AT&T
Esther Northrup, Senior Director, State Regulatory Affairs, Cox Communications
Lynn Notarianni, Telecom Section Chief, Colorado Public Utilities Commission
Commissioner Catherine Sandoval, California Public Utilities Commission

Monday, May 23 | 3:00 p.m. - 4:15 p.m.

General Session 3 | The Energy Imbalance Market – Lessons Learned, Benefits and Governance Regency | Regency A, B & C

Abstract: Representatives of the California Independent System Operator (CAISO), participating EIM entities, and members of the nominating committee for the EIM Governing Body recap the events of the last year, and what the future brings for the Energy Imbalance Market in the West.

Moderator: Commissioner Ann Rendahl, Washington Utilities and Transportation Commission

Panelists: TBD

Tuesday, May 24 | 8:00 a.m. - 9:15 a.m.

General Session 4 | Commissioner Roundtable #1 | Regency A, B & C

Moderator: Chairman Joshua Epel, Colorado Public Utilities Commission

Panelists: TBD, Alaska Regulatory Commission
TBD, Guam Public Utilities Commission
Commissioner Stephen Bloom, Oregon Public Utility Commission
Chairman David Danner, Washington Utilities and Transportation Commission
Chairman Brad Johnson, Montana Public Service Commission
President Paul Kjellander, Idaho Public Utilities Commission
Commissioner Patrick Lyons, New Mexico Public Regulation Commission

General Sessions & Breakouts

Tuesday, May 24 | 9:30 a.m. - 10:45 a.m.

Breakout C1 | Nuclear | Regency D

Abstract: TBD

Moderator: TBD

Panelists: TBD

Breakout C2 | Natural Gas Safety | Regency E & F

Abstract: How states are addressing gas storage, master meter conversions and monitoring gas quality to ensure safe, reliable service for ratepayers.

Moderator: Commissioner Kara Brighton, Wyoming Public Service Commission

Panelists: Paul Maguire, Manager, Engineering, Nevada Public Utilities Commission
President Michael Picker, California Public Utilities Commission

Tuesday, May 24 | 11:00 a.m. - 12:15 p.m.

Breakout D1 | Water, Communications, Energy Nexus | Regency D

Abstract: TBD

Moderator: Commissioner Catherine Sandoval, California Public Utilities Commission

Panelists: TBD

Breakout D2 | Superior Energy Performance/Research & Development | Regency E & F

Abstract: TBD

Moderator: TBD

Panelists: Ken Costello, National Regulatory Research Institute
TBD

Tuesday, May 24 | 1:00 p.m. - 5:30 p.m.

Afternoon Activities | Outside

- **Catamaran tour of Lake Tahoe**
1 p.m. – 3:00 p.m.
- **Catamaran tour of Lake Tahoe**
3:30 p.m. – 5:30 p.m.
- **Ormat Geothermal Plant Tour**
1 p.m. – 5:30 p.m.
Transportation provided.

Wednesday, May 25 | 8:00 a.m. - 9:00 a.m.

Breakout E1 | Ongoing Grid Innovations | Regency A, B & C

Abstract: Solar—Increasing ways in which renewable resources can provide similar types of reliability services that are currently provided by conventional resources resulting in more renewables integrating renewables.
Reliability Enhancements—Improving grid operations regionally; tools such as the Enhanced Curtailment Calculator could provide greater data granularity and more effectively identify system conditions.
Storage—Increasing the use of energy storage systems through regional coordination can integrate higher penetrations of renewables and reduce curtailments.
Distributed Energy Resources—Developing tools to provide pricing signals to the market to increase access by aggregated distribution connected resources.

Moderator: Stacey Crowley, Director of Regional Affairs, CAISO

General Sessions & Breakouts

Panelists: TBD

Breakout E2 | Role of Energy Efficiency for Water Utilities | Regency D

Abstract: Energy efficiency is an important consideration for water utilities. What are water utilities implementing in terms of energy efficiency? What is driving the implementation of energy efficiency measures? Are water utility customers realizing any benefits from energy efficiency? The panelists will discuss these issues and their experiences with energy efficiency.

Moderator: Donald Lomoljo, Hearing Officer, Nevada Public Utilities Commission

Panelists: Richard Svindland, Vice President, Operations, California American Water
TBD

Wednesday, May 25 | 9:15 a.m. - 10:30 a.m.

General Session 5 | The Net Energy Metering Rate Design Players: Understanding the Perspectives on Different Rate Design Mechanisms | Regency A, B & C

Abstract: This session will put rate design mechanisms under the microscope and assess the potential benefits, costs and ratepayer impacts as seen from various stakeholder perspectives. Lisa Schwartz, who leads the Future Electric Utility Regulation project for DOE's Grid Modernization Initiative, will lead a frank discussion on net metering rate design issues, alternative tariff designs for solar PV (e.g., feed-in-tariffs and value of solar tariffs), impacts on nonparticipating customers and the recovery of fixed utility costs.

Moderator: Lisa Schwartz, Energy Efficiency Team Leader, Electricity Markets and Policy Group, Lawrence Berkeley National Laboratory

Panelists: Shawn Elicegui, Senior Vice President, Regulation & Strategic Planning, NV Energy
Commissioner Mike Florio, California Public Utilities Commission
Wendy Gerlitz, Policy Director, Northwest Energy Coalition
Bob Jenks, Director, Citizen's Utility Board of Oregon

Wednesday, May 25 | 10:30 a.m. - 10:35 a.m.

Presentation on the 2017 WCPSC | Regency A, B & C

Moderator: Commissioner Stephen McAlpine, WCPSC Vice President, Alaska Regulatory Commission

Wednesday, May 25 | 10:35 a.m. - 11:45 a.m.

General Session 6 | Commissioner Roundtable #2 | Regency A, B & C

Moderator: Commissioner Kristine Raper, Idaho Public Utilities Commission

Panelists: Commissioner Michael Champley, Hawaii Public Utilities Commission
Chairman Thad LeVar, Utah Public Service Commission
Chairman Al Minier, Wyoming Public Service Commission
Commissioner Liane Randolph, California Public Utilities Commission
Commissioner Bob Stump, Arizona Corporation Commission
Chairman Paul Thomsen, Nevada Public Utilities Commission
Commissioner Glenn Vaad, Colorado Public Utilities Commission